RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/764,415B_
Source: _1 FWO_
Date Processed by STIC: _11/18/04_

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: _10/764,415B_

CRF Edit Date: _11/23/04_
Edited by: _AL_

_____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

_____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

_____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

_____ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

_____ Inserted mandatory headings/numeric identifiers, specifically:

_____

_____ Moved responses to same line as heading/numeric identifier, specifically:

_____

Other: Sequence 1 - replaced "N" on <223> lines with "Xaa";
Sequence 3 - <223> line for location 18 - replaced "of" with "or";
Sequence 3 - <222> line for Xaa at locations 41,42 - replaced "40" with "41"

IFWO

RAW SEQUENCE LISTING   DATE: 11/23/2004
PATENT APPLICATION: US/10/764,415B   TIME: 11:55:36

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\11232004\J764415B.raw

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    9 <120> TITLE OF INVENTION: Modulations of Notch signalling for use in Immunotherapy
   13 <130> FILE REFERENCE: P011073US
   17 <140> CURRENT APPLICATION NUMBER: 10/764,415B
C--> 19 <141> CURRENT FILING DATE: 2004-01-23
   23 <150> PRIOR APPLICATION NUMBER: GB0118153.6
   25 <151> PRIOR FILING DATE: 2001-07-01
   29 <150> PRIOR APPLICATION NUMBER: GB0207930.9
   31 <151> PRIOR FILING DATE: 2002-04-05
   35 <150> PRIOR APPLICATION NUMBER: GB0212283.6
   37 <151> PRIOR FILING DATE: 2002-05-28
   41 <150> PRIOR APPLICATION NUMBER: GB0212282.8
   43 <151> PRIOR FILING DATE: 2002-05-28
   47 <160> NUMBER OF SEQ ID NOS: 40
   51 <170> SOFTWARE: PatentIn version 3.0
   55 <210> SEQ ID NO: 1
   57 <211> LENGTH: 43
   59 <212> TYPE: PRT
   61 <213> ORGANISM: Artificial Sequence
   65 <220> FEATURE:
   67 <223> OTHER INFORMATION: DSL domain consensus
   69 <220> FEATURE:
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   73 <222> LOCATION: (2)..(9)
   75 <223> OTHER INFORMATION: Xaa is any amino acid residue
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   85 <223> OTHER INFORMATION: Xaa is any amino acid residue
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   93 <222> LOCATION: (15)..(25)
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  105 <223> OTHER INFORMATION: Xaa is any amino acid residue
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  113 <222> LOCATION: (35)..(42)
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128          35                   40
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134 <212> TYPE: PRT
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350 <223> OTHER INFORMATION: X is any non polar amino acid residue
354 <220> FEATURE:
356 <221> NAME/KEY: MISC_FEATURE
358 <222> LOCATION: (41)..(42)
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RAW SEQUENCE LISTING   DATE: 11/23/2004
PATENT APPLICATION: **US/10/764,415B**   TIME: 11:55:36

         Input Set : **A:\PTO.AMC.txt**
         Output Set: **N:\CRF4\11232004\J764415B.raw**

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 369 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
 370             20                  25                  30
 372 Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
 373         35                  40
 375 <210> SEQ ID NO: 3
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 379 <212> TYPE: PRT
 381 <213> ORGANISM: Artificial Sequence
 385 <220> FEATURE:
 387 <223> OTHER INFORMATION: DSL consensus
 389 <220> FEATURE:
 391 <221> NAME/KEY: misc_feature
 393 <222> LOCATION: (2)..(4)
 395 <223> OTHER INFORMATION: X is any amino acid residue
 399 <220> FEATURE:
 401 <221> NAME/KEY: misc_feature
 403 <222> LOCATION: (7)..(9)
 405 <223> OTHER INFORMATION: X is any amino acid residue
 409 <220> FEATURE:
 411 <221> NAME/KEY: misc_feature
 413 <222> LOCATION: (11)..(13)
 415 <223> OTHER INFORMATION: X is any amino acid residue
 419 <220> FEATURE:
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 425 <223> OTHER INFORMATION: X is either aspartic acid or asparagine
 429 <220> FEATURE:
 431 <221> NAME/KEY: misc_feature
 433 <222> LOCATION: (20)..(20)
 435 <223> OTHER INFORMATION: X is any amino acid residue
 439 <220> FEATURE:
 441 <221> NAME/KEY: misc_feature
 443 <222> LOCATION: (24)..(25)
 445 <223> OTHER INFORMATION: X is any amino acid residue
 449 <220> FEATURE:
 451 <221> NAME/KEY: misc_feature
 453 <222> LOCATION: (27)..(29)
 455 <223> OTHER INFORMATION: X is any amino acid residue
 459 <220> FEATURE:
 461 <221> NAME/KEY: misc_feature
 463 <222> LOCATION: (31)..(33)
 465 <223> OTHER INFORMATION: X is any amino acid residue
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 471 <221> NAME/KEY: misc_feature
 473 <222> LOCATION: (35)..(36)
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     475 <223> OTHER INFORMATION: X is any amino acid residue
     479 <220> FEATURE:
     481 <221> NAME/KEY: misc_feature
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     485 <223> OTHER INFORMATION: X is any amino acid residue
     489 <220> FEATURE:
     491 <221> NAME/KEY: misc_feature
     493 <222> LOCATION: (41)..(42)
     495 <223> OTHER INFORMATION: X is any amino acid residue
     499 <400> SEQUENCE: 3
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     502 1               5                   10                  15
     504 Arg Xaa Asp Xaa Phe Gly His Xaa Xaa Cys Xaa Xaa Xaa Gly Xaa Xaa
     505                 20                  25                  30
     507 Xaa Cys Xaa Xaa Gly Trp Xaa Gly Xaa Xaa Cys
     508                 35                  40
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     546 <221> NAME/KEY: VARIANT
     548 <222> LOCATION: (6)..(53)
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     580 <223> OTHER INFORMATION: X is any amino acid
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/23/2004
PATENT APPLICATION: US/10/764,415B   TIME: 11:55:37

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\11232004\J764415B.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25
Seq#:1; Xaa Pos. 27,28,29,30,31,32,33,35,36,37,38,39,40,41,42
Seq#:2; Xaa Pos. 2,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25
Seq#:2; Xaa Pos. 27,28,29,30,31,32,33,35,36,37,38,39,40,41,42
Seq#:3; Xaa Pos. 2,3,4,7,8,9,11,12,13,18,20,24,25,27,28,29,31,32,33,35,36
Seq#:3; Xaa Pos. 39,41,42
Seq#:4; Xaa Pos. 1,2,3,4,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23
Seq#:4; Xaa Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42
Seq#:4; Xaa Pos. 43,44,45,46,47,48,49,50,51,52,53,55,56,57,58,59,60,61,62
Seq#:4; Xaa Pos. 63,64,65,66,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82
Seq#:4; Xaa Pos. 83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101
Seq#:4; Xaa Pos. 102,103,104,105,106,107,108,109,110,111,112,113,114,115
Seq#:4; Xaa Pos. 116,117,118,119,120,121,122,123,124,125,126,127,128,129
Seq#:4; Xaa Pos. 130,131,132,133,134,135,136,137,139,140,141,142,143,144
Seq#:4; Xaa Pos. 146,147,150,151,152,153,154,155,156,157,158,159,160,161
Seq#:4; Xaa Pos. 162,163,164,165,166,167,168,169,170,172,173,175
Seq#:39; Xaa Pos. 891

VERIFICATION SUMMARY   DATE: 11/23/2004
PATENT APPLICATION: **US/10/764,415B**   TIME: 11:55:37

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\11232004\J764415B.raw**

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=3
L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:2564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:880

IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/764,415B

DATE: 11/18/2004
TIME: 09:34:49

Input Set : A:\P11073us seq list updated.ST25.txt
Output Set: N:\CRF4\11182004\J764415B.raw

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     9 <120> TITLE OF INVENTION: Modulations of Notch signalling for use in Immunotherapy
    13 <130> FILE REFERENCE: P011073US
    17 <140> CURRENT APPLICATION NUMBER: 10/764,415B
C-->19 <141> CURRENT FILING DATE: 2004-01-23
    23 <150> PRIOR APPLICATION NUMBER: GB0118153.6
    25 <151> PRIOR FILING DATE: 2001-07-01
    29 <150> PRIOR APPLICATION NUMBER: GB0207930.9
    31 <151> PRIOR FILING DATE: 2002-04-05
    35 <150> PRIOR APPLICATION NUMBER: GB0212283.6
    37 <151> PRIOR FILING DATE: 2002-05-28
    41 <150> PRIOR APPLICATION NUMBER: GB0212282.8
    43 <151> PRIOR FILING DATE: 2002-05-28
    47 <160> NUMBER OF SEQ ID NOS: 40
    51 <170> SOFTWARE: PatentIn version 3.0
    55 <210> SEQ ID NO: 1
    57 <211> LENGTH: 43
    59 <212> TYPE: PRT
    61 <213> ORGANISM: Artificial Sequence
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    67 <223> OTHER INFORMATION: DSL domain consensus
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    73 <222> LOCATION: (2)..(9)
    75 <223> OTHER INFORMATION: N is any amino acid residue
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    83 <222> LOCATION: (11)..(13)
    85 <223> OTHER INFORMATION: N is any amino acid residue
    89 <220> FEATURE:
    91 <221> NAME/KEY: MISC_FEATURE
    93 <222> LOCATION: (15)..(25)
    95 <223> OTHER INFORMATION: N is any amino acid residue
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   103 <222> LOCATION: (27)..(33)
   105 <223> OTHER INFORMATION: N is any amino acid residue
   109 <220> FEATURE:
   111 <221> NAME/KEY: MISC_FEATURE
   113 <222> LOCATION: (35)..(42)
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W-->121 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa
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Handwritten annotations:
- Does Not Comply Corrected Diskette Needed
- pp 1, 4-6
- Xaa (N is only used in nucleotide sequences.)

```
122 1                    5                    10                   15
124 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
125              20                   25                   30
127 Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
128          35                   40
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132 <211> LENGTH: 43
134 <212> TYPE: PRT
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168 <222> LOCATION: (7)..(9)
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178 <222> LOCATION: (11)..(13)
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210 <223> OTHER INFORMATION: X is any basic amino acid residue
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216 <221> NAME/KEY: MISC_FEATURE
218 <222> LOCATION: (18)..(19)
220 <223> OTHER INFORMATION: X is Asp, Asn, Glu or Gln
224 <220> FEATURE:
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236 <221> NAME/KEY: MISC_FEATURE
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RAW SEQUENCE LISTING   DATE: 11/18/2004
PATENT APPLICATION: US/10/764,415B   TIME: 09:34:49

Input Set : A:\P11073us seq list updated.ST25.txt
Output Set: N:\CRF4\11182004\J764415B.raw

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254 <220> FEATURE:
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258 <222> LOCATION: (23)..(23)
260 <223> OTHER INFORMATION: X is any aromatic amino acid residue
264 <220> FEATURE:
266 <221> NAME/KEY: MISC_FEATURE
268 <222> LOCATION: (24)..(25)
270 <223> OTHER INFORMATION: X is any amino acid residue
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290 <223> OTHER INFORMATION: X is any non polar amino acid residue
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318 <222> LOCATION: (38)..(38)
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326 <221> NAME/KEY: MISC_FEATURE
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330 <223> OTHER INFORMATION: X is any non polar amino acid residue
334 <220> FEATURE:
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338 <222> LOCATION: (39)..(39)
340 <223> OTHER INFORMATION: X is any amino acid residue
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348 <222> LOCATION: (40)..(40)
350 <223> OTHER INFORMATION: X is any non polar amino acid residue
354 <220> FEATURE:
356 <221> NAME/KEY: MISC_FEATURE
358 <222> LOCATION: (41)..(42)
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RAW SEQUENCE LISTING   DATE: 11/18/2004
PATENT APPLICATION: US/10/764,415B   TIME: 09:34:49

Input Set : A:\P11073us seq list updated.ST25.txt
Output Set: N:\CRF4\11182004\J764415B.raw

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369 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
370             20                  25                  30
372 Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
373           35                  40
375 <210> SEQ ID NO: 3
377 <211> LENGTH: 43
379 <212> TYPE: PRT
381 <213> ORGANISM: Artificial Sequence
385 <220> FEATURE:
387 <223> OTHER INFORMATION: DSL consensus
389 <220> FEATURE:
391 <221> NAME/KEY: misc_feature
393 <222> LOCATION: (2)..(4)
395 <223> OTHER INFORMATION: X is any amino acid residue
399 <220> FEATURE:
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403 <222> LOCATION: (7)..(9)
405 <223> OTHER INFORMATION: X is any amino acid residue
409 <220> FEATURE:
411 <221> NAME/KEY: misc_feature
413 <222> LOCATION: (11)..(13)
415 <223> OTHER INFORMATION: X is any amino acid residue
419 <220> FEATURE:
421 <221> NAME/KEY: misc_feature
423 <222> LOCATION: (18)..(18)
425 <223> OTHER INFORMATION: X is either aspartic acid of asparagine
429 <220> FEATURE:
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433 <222> LOCATION: (20)..(20)
435 <223> OTHER INFORMATION: X is any amino acid residue
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443 <222> LOCATION: (24)..(25)
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449 <220> FEATURE:
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453 <222> LOCATION: (27)..(29)
455 <223> OTHER INFORMATION: X is any amino acid residue
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463 <222> LOCATION: (31)..(33)
465 <223> OTHER INFORMATION: X is any amino acid residue
469 <220> FEATURE:
471 <221> NAME/KEY: misc_feature
473 <222> LOCATION: (35)..(36)
```

or handwritten annotation near line 421/425

```
475 <223> OTHER INFORMATION: X is any amino acid residue
479 <220> FEATURE:
481 <221> NAME/KEY: misc_feature
483 <222> LOCATION: (39)..(39)
485 <223> OTHER INFORMATION: X is any amino acid residue
489 <220> FEATURE:
491 <221> NAME/KEY: misc_feature        →(41)  Gly is at location 40
493 <222> LOCATION: (40)..(42)
495 <223> OTHER INFORMATION: X is any amino acid residue
499 <400> SEQUENCE: 3
W--> 501 Cys Xaa Xaa Xaa Tyr Tyr Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Arg Pro
502 1               5                   10                  15
504 Arg Xaa Asp Xaa Phe Gly His Xaa Xaa Cys Xaa Xaa Xaa Gly Xaa Xaa
505             20              25                  30
507 Xaa Cys Xaa Xaa Gly Trp Xaa Gly Xaa Xaa Cys
508         35              40
510 <210> SEQ ID NO: 4
512 <211> LENGTH: 175
514 <212> TYPE: PRT
516 <213> ORGANISM: Artificial Sequence
520 <220> FEATURE:
522 <223> OTHER INFORMATION: EGF-like domain
524 <220> FEATURE:
526 <221> NAME/KEY: MISC_FEATURE
528 <222> LOCATION: (1)..(4)
530 <223> OTHER INFORMATION: X is any amino acid
534 <220> FEATURE:
536 <221> NAME/KEY: MISC_FEATURE
538 <222> LOCATION: (6)..(53)
540 <223> OTHER INFORMATION: X is any amino acid
544 <220> FEATURE:
546 <221> NAME/KEY: VARIANT
548 <222> LOCATION: (6)..(53)
550 <223> OTHER INFORMATION: Any of residues 6 -52 may be present or absent
554 <220> FEATURE:
556 <221> NAME/KEY: MISC_FEATURE
558 <222> LOCATION: (55)..(66)
560 <223> OTHER INFORMATION: X is any amino acid
564 <220> FEATURE:
566 <221> NAME/KEY: VARIANT
568 <222> LOCATION: (57)..(66)
570 <223> OTHER INFORMATION: Any of residues 57-66 may be present or absent
574 <220> FEATURE:
576 <221> NAME/KEY: MISC_FEATURE
578 <222> LOCATION: (68)..(137)
580 <223> OTHER INFORMATION: X is any amino acid
584 <220> FEATURE:
586 <221> NAME/KEY: VARIANT
588 <222> LOCATION: (68)..(137)
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/18/2004
PATENT APPLICATION: US/10/764,415B   TIME: 09:34:50

Input Set : A:\P11073us seq list updated.ST25.txt
Output Set: N:\CRF4\11182004\J764415B.raw

Please Note:
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.**

```
Seq#:1; Xaa Pos. 2,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25
Seq#:1; Xaa Pos. 27,28,29,30,31,32,33,35,36,37,38,39,40,41,42
Seq#:2; Xaa Pos. 2,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25
Seq#:2; Xaa Pos. 27,28,29,30,31,32,33,35,36,37,38,39,40,41,42
Seq#:3; Xaa Pos. 2,3,4,7,8,9,11,12,13,18,20,24,25,27,28,29,31,32,33,35,36
Seq#:3; Xaa Pos. 39,41,42
Seq#:4; Xaa Pos. 1,2,3,4,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23
Seq#:4; Xaa Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42
Seq#:4; Xaa Pos. 43,44,45,46,47,48,49,50,51,52,53,55,56,57,58,59,60,61,62
Seq#:4; Xaa Pos. 63,64,65,66,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82
Seq#:4; Xaa Pos. 83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101
Seq#:4; Xaa Pos. 102,103,104,105,106,107,108,109,110,111,112,113,114,115
Seq#:4; Xaa Pos. 116,117,118,119,120,121,122,123,124,125,126,127,128,129
Seq#:4; Xaa Pos. 130,131,132,133,134,135,136,137,139,140,141,142,143,144
Seq#:4; Xaa Pos. 146,147,150,151,152,153,154,155,156,157,158,159,160,161
Seq#:4; Xaa Pos. 162,163,164,165,166,167,168,169,170,172,173,175
Seq#:39; Xaa Pos. 891
```

VERIFICATION SUMMARY   DATE: 11/18/2004
PATENT APPLICATION: **US/10/764,415B**   TIME: 09:34:50

Input Set : **A:\P11073us seq list updated.ST25.txt**
Output Set: **N:\CRF4\11182004\J764415B.raw**

```
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=3
L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:2564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:880
```